ILLINOIS NATURE PRESERVES COMMISSION

AGENDA--EIGHTY-FIFTH MEETING

University Union
Western Illinois University
Macomb, Illinois
9:30 a.m., August 3, 1981

* Documentary materials enclosed

\# Documentary material previously distributed

1) Call to order and roll call

Possible attendants:

Dr. Dale Birkenholz
Kenneth Fiske
Byron Hutchins
Judith Joy
Mary Lou Marzuki
Dr. Robert Mohlenbrock
~~Jerrold Soesbe~~ Preston Shellback
Jeffry Voigt

Dr. David Kenney
Dr. Paul Risser
Dr. Alfred Koelling
Dr. Kenneth Robertson

George Fell
Marlin Bowles
Donald McFall

Glenn Harper
Al Mickelson
Carl Becker
Randy Nyboer
Karen Witter

Dr. John Warnock
Elton Fawks

2) Adoption of agenda

\# 3) Approval of 84th meeting minutes

* 4) Report of INPC staff

5) Financial report, FY81

6) Report of Department of Conservation staff

7) Next meeting arrangements

Designated time and place: Monday, October 15, 1981 -- Illinois State Museum, Springfield.

AREAS

8) Carroll Co.--Ayers Sand Prairie Nature Preserve

Lead pollution from a battery reclamation plant at Savanna has become a matter of concern.

REPORT

Nyboer

9) LaSalle Co.--Laatz Timber

Laatz Timber is a 30-acre privately-owned woodland being considered for a private dedication as a nature preserve.

REPORT	ACTION TO BE CONSIDERED:
Bowles	Approval in principle

10) Pike Co.--Pike County Conservation Area

The proposed Central Illinois Expressway would go through Pike County Conservation Area, a Department of Conservation holding. The proposed highway may have an adverse impact on winter roosting of bald eagles. Concerns for other potential adverse effects have been expressed.

REPORT	ACTION TO BE CONSIDERED:
McFall	To be determined.

* 11) Massac Co.--Massac Forest

The Department of Conservation proposes to dedicate an area in Ft. Massac State Park as a nature preserve.

REPORT	ACTION TO BE CONSIDERED:
Becker Schwegman	Preliminary approval of dedication. - ok

Dr. Kenney's presentation to provide attention to nature Preserve at Visitor Center to be constructed just outside the N.P.

12) Other areas

Loda Prairie - Meeting moved to today

Thompson Prairie, Jo Daviess Co. possible privately owned N.P. 15-20 acres w/ adjacent woodland
Problems w/ private dedications - tax break (lack on conservation easement), public access

13) Illinois Natural Areas Inventory

The Nature Preserves Commission has not formally gone on record recognizing the areas listed on the Illinois Natural Areas Inventory as worthy of preservation, except indirectly through its endorsement of the Illinois Natural Areas Plan. Action by the Commission in some manner may help to secure the preservation and protection of some areas.

REPORT	ACTION TO BE CONSIDERED:
Fell	To be determined.

14) Department of Conservation appropriations, capital and operating

STATUS REPORT

Kenney

15) Other pending legislation

Bills enacted by General Assembly and awaiting action by Governor:

S.B. 1124 - J.J. Joyce -- Illinois Natural Areas Preservation Act.
H.B. 1558 - McClain -- Amendment of Revenue Act concerning assessment of nature preserves.
H.B. 600 - Satterthwaite -- Gives counties power to hold prairies and other natural areas.
H.B. 681 - MacDonald -- Illinois non-game Wildlife Protection Act. Allows voluntary contribution of income tax refund for non-game wildlife

H.B. 1157 - Hannig -- Authorizes issuance of wildlife conservation stamps by DOC and establishes a temporary Illinois Wildlife Habitat Commission. (H.B. 1156, companion bill providing an appropriation failed in legislature.)

H.B. 520 -- Removes power of Illinois Department of Transportation to control fleet barging.

Bills introduced and assigned to interim study committees:

H.B. 1882 - Barkhausen -- Illinois Wetlands Protection Act.
H.B. 1883 - Barkhausen -- Natural Heritage Stream Act.

STATUS REPORT

Kenney & Fell

#&* 16) Plan of Work, FY82

Previous reference: 84-18

REPORT	ACTION TO BE CONSIDERED:
Fell	Adoption of Plan of Work

17) Contract for services of Natural Land Institute, FY82

Previous action: 83-25(R589); 84-18

REPORT	ACTION TO BE CONSIDERED:
Marzuki	To be determined.

18) Budget, FY83

ACTION TO BE CONSIDERED:

To be determined.

19) Other business

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ILLINOIS NATURE PRESERVES COMMISSION

MINUTES OF EIGHTY-FOURTH MEETING

June 1, 1981

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ILLINOIS NATURE PRESERVES COMMISSION

EIGHTY-FOURTH MEETING
(Subject to approval of Commission at 85th meeting)

McHenry County Conservation District
6512 Harts Road
Ringwood, Illinois
10:00 a.m., June 1, 1981

84-1) Call to order and roll call:

The meeting convened at 10:00 a.m. pursuant to the call of Chairman Marzuki.

Members present: Dr. Dale Birkenholz, Kenneth Fiske, Byron Hutchins, Judith Joy, Mary Lou Marzuki, Preston Schellbach, Jerrold Soesbe, and D. Jeffry Voigt.

Member absent: Dr. Robert Mohlenbrock.

Others present: Dr. Alfred Koelling, Illinois State Museum; Dr. Kenneth Robertson, Illinois Natural History Survey: Neil Gaston; and Ralph Brown, The Nature Conservancy, Consultants; George Fell, Executive Secretary; Gerald Paulson, Preservation Coordinator; Marlin Bowles, Management and Research Coordinator; Paul Dye, Administrative Assistant; Lydia Meyer and Stephen Packard, Field Representatives Nature Preserves Commission; Glenn Harper, Director, Bureau of Natural Resources; Allan Mickelson, Division of Forest Resources and Natural Heritage; Sandy Martin, Bureau of Administrative Services; Carl Becker, Section of Natural Heritage Management and Program Development; Michael Sweet, Endangered Species Program Coordinator; John Shiel, Naturalist, McHenry County Conservation District.

D. Jeffry Voigt, Director of the Vermilion County Conservation District, was appointed to the Commission by Governor Thompson on April 29, 1981 to fill the vacancy created by the resignation of Nancy Ranney. His term expires June 30, 1983.

On the afternoon of May 31, there had been a field trip to Volo Bog Nature Preserve and Glacial Park.

84-2) Adoption of agenda:

It was moved by Schellbach, seconded by Fiske, and carried that the draft agenda be adopted, subject to minor additions under other business and other areas.

84-3) Approval of 83rd meeting minutes:

It was moved by Soesbe, seconded by Schellbach, and carried that the minutes of the 83rd meeting, held on April 6, 1981, be approved as distributed.

84-4) Report of INPC staff:

Staff activities: A summary of staff activities for March and April had been distributed to Commission members.

Status of Commission-approved dedications: The dedication for Braidwood Dunes & Savanna, Will County, is awaiting approval of the Director of the Department of Conservation and the Governor.

Special use permits issued: Twenty special use permits had been issued since the last meeting, including a number of permits for personnel of the Natural History Survey to do statewide floral and faunal studies.

Regulation of public use of Illinois dedicated nature preserves: The Department's revision of the rule on public use of nature preserves became effective April 24, 1981. It was published in the Illinois State Register on May 8, 1981.

Directory of members, advisors, consultants & staff: An updated Directory was distributed.

Proposed Research Natural Areas on Shawnee National Forest: The Commission and Department staffs are to work out an agreement on the Research Natural Areas recommendations to the U.S. Forest Service.

Carpenter Park Nature Preserve, Sangamon County: Don McFall and the Department staff are working with the Springfield Park District and the developer of land adjoining the preserve to minimize impact of the proposed housing development on the nature preserve.

Spring Hill Farm Fen, McHenry County: The proposed annexation of the Fen property into the Village of Lake-in-the-Hills has been delayed due to the election of new trustees. The Village of Crystal Lake is proceeding with its condemnation of the property.

Romeoville Prairie, Will County: An illegal ditch through Romeoville Prairie has been filled back in and the prairie restored under threat of legal action by the U.S. Corps of Engineers.

Natural heritage public service announcement: Packard is working with an advertising editor and writers to produce a TV public service announcement.

Status of Endangered Species Report: All major scientific and copy editing is completed for the birds, mammals, and plants. Copy editing remains to be done for the fishes, reptiles, and amphibians. The introduction is being edited.

Biennial Report, 1979-1980: Drafting of the biennial report has been completed. The report should be published by about the third week in June.

84-5) Report of DOC staff:

Becker reported on the current status of land acquisition projects: Chestnut Hills, Pulaski County -- in negotiation; Oak Valley, Rock Island County -- in condemnation; Stemler Cave Woods, St. Clair County -- optioned; Tazewell Prairie, Tazewell County -- acquired; Hooper Branch Savanna, Iroquois County -- in court;

Hanover Bluff, JoDaviess County -- optioned; Ernat's Marsh, LaSalle County -- in negotiation and being appraised; Lower Cache River-Little Black Slough-Deer Pond, Johnson & Pulaski counties -- tentative agreement on trade with WESTVACO; Matanzas Prairie, Mason County -- in negotiation; Schone Pond, Cass County -- optioned; Marissa Woods, St. Clair County -- acquired; Dean Hills, Fayette County -- acquired, an additional tract being appraised for access; Gooseberry Island, Kankakee County - in negotiation; Hillside Marsh, Coles County -- in negotiation; Knox Prairie, Knox County -- railroad is surveying property to see if it is excess; Jackson Slough, St. Clair County -- second tract being appraised; Wolf Road Prairie, Cook County -- has been appraised; Gorham Hill Prairie, Rock Island County -- dropped; and Walnut Point, Douglas County -- attempting to get title commitment.

84-6) Next meeting arrangements:

It was confirmed that the 84th meeting would be held on Monday, August 3, 1981 at Western Illinois University, Macomb. It was agreed to begin the meeting at 9:30 a.m., and to plan a field trip for Sunday afternoon, August 2, beginning at 1:00 p.m.

84-7) Election of consultants:

It was moved by Fiske, seconded by Hutchins, and carried that the following persons be elected consultants: Dr. Robert Betz, Ralph Brown, Warren Dewalt, Roger Findley, Neil Gaston, Dr. Willard D. Klimstra, Dr. Alfred Koelling, Dr. Kenneth Robertson, and Edmund B. Thornton.

84-8) Cook County Forest Preserve District proposed dedications:

Packard presented a report on the character and quality of the portions of Somme Prairie that do not have prairie vegetation, as requested by the Commission at its 83rd meeting. Some parts of the prairie were planted to trees by the Forest Preserve District in 1938-39. He reported that dedications of Palos Fen, Sagawau Canyon and Somme Prairie, which were given preliminary approval by the Commission at its 83rd meeting, are awaiting final action of the Cook County Forest Preserve Board of Commissioners.

84-9) Lower Cache swamps, Johnson & Pulaski counties:

Harper reported that the Department has a tentative agreement with WESTVACO to trade land owned by them on the Lower Cache for Burnham Island, which is owned by the State; however the trade would be subject to final approval of WESTVACO and to the approval of the Illinois General Assembly and the U.S. Fish & Wildlife Service.

84-10) Barat Ravine, Lake County:

Paulson reported that plans for the Havenwood development include construction of storm detention structures in the bottom of the ravine. Staff examination of the proposed development and its relationship to the ravine showed that it would be difficult to protect the ravine slopes once the development is completed. The detention areas in the bottom of the ravine will drastically change the ravine bottom, although there is already an existing problem of erosion from increased storm water run-off and other changes in the ravine.

Paulson had recommended to the City of Lake Forest that they negotiate donation of a conservation easement from the developer as part of the final approval of the development plan. This would help protect the City's interest in the ravine.

Paulson recommended that dedication of the ravine not be pursued at this time because of the many uncertainties, the difficulty in enforcing the dedication on several small private parcels, and the alteration of the ravine by construction of the storm water detention basins.

84-11) MacArthur Woods, Lake County:

Meyer reported that the Lake County Forest Preserve District had approved the dedication of 446 acres of MacArthur Woods and had signed the articles of dedication. The articles of dedication contain the following provision: "This dedication is, however, subject to the provision that the Lake County Forest Preserve District may, upon approval of the Illinois Nature Preserves Commission, use any portion of the property herein dedicated that lies within 500 feet of the north right-of-way line of Illinois State Route 60, the west right-of-way line of St. Mary's Road, and the south right-of-way line of the Elgin, Joliet and Eastern Railroad for multi-use trail purposes, and that all that area within 100 feet of the north right-of-way line of Illinois State Route 60 and the west right-of-way line of St. Mary's Road may be used for public highway purposes, with the approval of the Illinois Nature Preserves Commission."

Upon motion by Birkenholz, seconded by Schellbach and carried, with Soesbe abstaining, the following resolution was adopted:

The Commission approves dedication of real property, owned by the Lake County Forest Preserve District, and located in Lake County, Illinois, as set forth and described in detail under Item 11 of the duplicated agenda of the 84th meeting of the Commission, and directs the Chairman to sign said dedication.

(Resolution 590)

84-12) Wadsworth Prairie, Lake County:

Meyer reported that the Lake County Forest Preserve District had approved dedication of 176 acres as nature preserve and dedication of 91 acres as buffer to the nature preserve and that the dedication was ready for approval of the Commission.

Upon motion by Fiske, seconded by Joy, and carried, with Soesbe abstaining, the following resolution was adopted:

The Commission approves dedication of real property, owned by the Lake County Forest Preserve District, located in Lake County, Illinois, as set forth and described in detail under Item 12 of the duplicated agenda of the 84th meeting of the Commission, and directs the Chairman to sign said dedication.

(Resolution 591)

84-13) Bohm Woods, Madison County:

Paulson reported that Bohm Woods, an 83-acre privately-owned tract containing mesic upland and dry-mesic upland forest, listed on the Illinois Natural Areas Inventory, is being threatened by construction of a sewer line by the City of Edwardsville. Faulkner has been working with the owner and the City of Edwardsville to find a means whereby the continued preservation of the woods can be assured. The owner is proposing at this time that approximately 7.6 acres of the 83-acre tract be dedicated as a nature preserve. It was the opinion of the staff that the 7.6 acre tract by itself would be rather small and difficult to maintain in a natural condition.

Discussion followed as to means of avoiding damage to the area by the proposed sewer line and ways to suggest to the owner to preserve the property.

Upon motion by Joy, seconded by Birkenholz and carried, the following resolution was adopted:

> The Commission approves in principle dedication as a nature preserve of land owned by Dora Bohm and known as Bohm Woods, consisting of approximately 83 acres located in the South½ of Section 8, T4N, 3 PM, Madison County, Illinois, as identified and generally described in the Illinois Natural Areas Inventory.

(Resolution 592)

The staff was requested to communicate with Miss Bohm commending the Bohm family for preserving the woods over the years.

At the hour of 12:00 noon the meeting was recessed for lunch. The meeting reconvened at 1:00 p.m.

84-14) O'Hara Woods, Will County:

Packard presented a report on O'Hara Woods. It is a relatively undisturbed mesic prairie grove on the edge of the Grand Prairie but is representative of the forests of the Northeastern Moraine Division of Illinois. The land is owned by the City of Romeoville and managed by the Romeoville Department of Recreation. It is recommended that 70 acres be dedicated as an Illinois nature preserve and 10 acres be dedicated as buffer to be made available for educational use, scientific study, hiking, and other passive recreation.

Upon motion by Birkenholz, seconded by Schellbach, and carried, the following resolution was adopted:

> The Commission approves in principle dedication as a nature preserve of approximately 70 acres of land, known as O'Hara Woods, located in the E½ of the SE¼ of Section 32, and the NW¼ of the SW¼ of Section 23, T37N, R10E, 3PM, Will County, Illinois, owned by the City of Romeoville.

(Resolution 593)

84-15) Natural Heritage Landmark program:

Copies of the Natural Heritage Landmark Declaration and Agreement and related materials had been distributed with the agenda. Becker reported that minor changes may be needed in the declaration and agreement form.

Upon motion by Schellbach, seconded by Birkenholz and carried, the following resolution was adopted:

> The Commission approves in principle the Illinois Natural Heritage Landmark Declaration and Agreement as distributed with the agenda of the 84th meeting of the Commission, subject to modifications by staff as necessary.
>
> (Resolution 594)

84-16) Natural Areas Preservation Bill, S.B. 1124:

Fell reported that the Natural Areas Preservation Bill had passed the Senate and will be sponsored in the House by Representative Virginia MacDonald and Michael McClain. The bill was introduced by Senator Jerome Joyce on April 30 and was amended by the Senate Agriculture, Conservation, and Energy Committee to the form agreed to by Marzuki and Conservation Director David Kenney on May 1.

84-17) Department of Conservation land acquisition, FY83:

Becker reported that prioritization of natural areas for acquisition in FY83 was underway, with input from the Department of Conservation Natural Heritage staff and the Commission staff. An initial prioritization list of natural areas being considered and a letter from Paulson to Becker giving Commission staff recommendations had been distributed to Commission members.

Paulson noted that substantial progress is being made in acquisition of natural areas to fill the major gaps in the nature preserves system.

84-18) Contract for Services of Natural Land Institute, FY82:

At the 83rd meeting, the Commission had approved renewal of the current contract for staff services of the Natural Land Institute for FY82 (R589).

Marzuki presented a proposal from the Contract Committee for revision of Item 7 of the draft contract to provide more specific definition of the role of the Executive Secretary. This had been prepared pursuant to a request Conservation Director David Kenney had made in discussion with her.

A draft plan of work for the Commission staff had also been distributed.

Harper presented two new draft contracts which he said the Department had prepared to satisfy concerns the Department has with the present contract.

> It was moved by Soesbe, seconded by Hutchins, and carried that the draft contracts for professional services for the Nature Preserves Commission prepared by the Department of Conservation be referred to the Contract Committee for consideration.

84-19) Archaeological preservation:

Fell reported that he had discussed archaeological preservation with Dr. Bruce McMillan of the Illinois State Museum and Allen Downer, Coordinator for Archaeological Preservation of the Department of Conservation. He suggested that he make further investigations and report at a future meeting. Fiske volunteered to participate in investigation of the matter.

84-20) Sand Prairie-Scrub Oak Nature Preserve, Mason County:

Becker reported that the Department had received a communication from the attorney for Bath Township relating to the proposed road extension at the north end of the east side of the nature preserve. He had inquired whether it would be possible to put the entire road extension within the nature preserve instead of condemning land from the adjoining owner. At present, use of 25 feet along the east edge of the State land for half the road is authorized. The Department is recommending that the request be denied.

Upon motion by Schellbach, seconded by Voigt and carried, the following resolution was adopted:

> The Commission supports the Department of Conservation's position that only 25 feet along the east edge of the Sand Prairie-Scrub Oak Nature Preserve be used for road purposes.

(Resolution 595)

84-21) Prairie Chicken sanctuaries, Jasper and Marion counties:

Joy said that a communication from Ron Westemier reported the spring censuses of prairie chicken cocks show a decrease on the Jasper County sactuaries from 92 in 1980 to 70 in 1981 and an increase on the Marion County sanctuaries from 64 in 1980 to 88 in 1981. The Wayne County flock apparently is near extinction.

84-22) Lakeside daisy site, Will County:

Packard reported that the lakeside daisy, Actinea herbacea, an endangered species with very limited distribution, is now apparently extinct in Illinois. The remaining Illinois site, near Rockdale, on land owned by Commonwealth Edison Company, has been covered with a very large quantity of coal. He and Dr. Robert Betz had visited the site with personnel from Commonwealth Edison on May 29.

Upon motion by Fiske, seconded by Joy and carried, the following resolution was adopted:

> The Commission requests that Dr. Robert Betz write a letter to Commonwealth Edison Company expressing concern for the destruction of the lakeside daisy site.

(Resolution 596)

84-23) Conservation legislation:

Harper reported on current legislation improving pensions of Conservation police officers and establishing criminal provisions relating to natural resource theft.

84-24) Adjournment:

It was moved by Fiske, seconded by Schellbach and carried at the hour of 2:45 p.m. that the meeting be adjourned.

Jerrold Soesbe
Secretary

ILLINOIS NATURE PRESERVES COMMISSION

INPC 85
Item 4

EIGHTY-FIFTH MEETING

STAFF REPORT

A) Summary of staff activities

May and June

B) Status of Commission-approved dedications

Braidwood Dunes & Savanna, Will County was signed by the Governor on May 13, 1981. This makes 81 dedicated nature preserves. Wadsworth Prairie and MacArthur Woods, Lake County are awaiting approval of the Governor. The Commission had given approval to the dedication as a nature preserve of an area in Ft. Crevecoeur Park at its 83rd meeting. The dedication has now been signed by the owners and is ready to be signed by the Commission.

C) Directory of members, advisors, consultants and staff

Changes that have occurred since the Directory was distributed are as follows:

Advisors (new address)
Dr. Paul Risser, Chief
Illinois Natural History Survey
607 E. Peabody Drive
Champaign 61820

Consultants (new address)
Dr. Kenneth Robertson
Section of Botany & Plant Pathology
Illinois Natural History Survey
607 E. Peabody Drive
Champaign 61820

Residence:
1202 Alton Drive
Champaign 61820
Phone: 217/351-1947

DOC staff (add)
Michael Sweet
Endangered Species Coordinator
Division of Forest Resources &
Natural Heritage
Department of Conservation
605 Wm. G. Stratton Bldg.
Springfield 62706

D) Special use permits granted:

The following special use permits have been approved since the last meeting:

Malcolm Sargent--renewal of permit to observe reproductive condition of bryophytes, all preserves.
Steve Apfelbaum and Robert Clemans--vegetation mapping and sampling, and insect sampling, Morton Grove Prairie Nature Preserve, Cook County.
Porter P. Lowry II--observing & identifying certain plant species, Prospect Cemetery Prairie Nature Preserve, Ford County; Weston Cemetery Prairie Nature Preserve, McLean County; and Reavis and Sand Prairie-Scrub Oak Nature Preserves, Mason County.
William McClain--field trip, Baber Woods Nature Preserve, Edgar County.

E) Biennial Report

The Commission's 1979-1980 Biennial Report has been published and distributed to the Governor, Illinois State legislators, and persons on our mailing lists.

7/28/81

NATURAL LAND INSTITUTE

GENERAL INCOME BUDGET

	ACTUAL			PROJECTED								
	1980		1981		1982		1983		1984		1985	
	January-June	July-December	January-June	July-December	January-June	July-December	January-June	July-December	January-June	July-December	January-June	July-December
CARRY-OVER FROM PRIOR PERIOD	$86,825	$63,188	$82,046	$99,228	$143,734	$170,667	$129,917	$108,167	$92,567	$87,017	$86,867	$91,117
GENERAL INCOME												
Contributions												
The Joyce Foundation	75,000	100,000	75,000	100,000	75,000	--	--	--	--	--	--	--
The Nature Conservancy	--	7,500	17,500	12,500	12,500	--	--	--	--	--	--	--
Others	510	45	16,459	20,000	30,000	60,000	85,000	100,000	115,000	130,000	140,000	140,000
Contracts and fees												
Nature Preserves Commission	35,167	44,150	43,567	44,250	44,250	44,250	44,250	44,250	44,250	44,250	44,250	44,250
CETA	4,065	4,246	1,315	--	--	--	--	--	--	--	--	--
DOC Endangered Species	--	--	11,200	--	--	--	--	--	--	--	--	--
U.S. Fish and Wildlife	8,140	--	--	5,060	--	--	--	--	--	--	--	--
Indiana Div. of Nature Pres.	--	--	--	3,900	9,100	--	--	--	--	--	--	--
Others	660	6,850	--	--	--	5,000	5,000	5,000	6,500	6,500	7,500	7,500
Other income												
Rent (819 North Main St.)	1,290	1,290	1,380	1,380	1,380	--	--	--	--	--	--	--
Interest	4,063	4,432	10,529	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
Farming	--	1,336	--	1,400	--	1,500	--	1,500	--	1,600	--	1,600
Miscellaneous	1,300	2,085	274	--	--	--	--	--	--	--	--	--
TOTAL INCOME	130,195	171,934	177,224	195,990	179,730	118,250	141,750	158,250	173,250	189,850	199,250	200,850
TOTAL AVAILABLE	217,020	235,122	259,270	295,218	323,464	288,917	271,667	266,417	265,817	276,867	286,117	291,967
EXPENDITURES	153,832	153,076	160,042	151,484	152,797	159,000	163,500	173,850	178,800	190,000	195,000	206,800
CARRY-OVER TO NEXT PERIOD	63,188	82,046	99,228	143,734	170,667	129,917	108,167	92,567	87,017	86,867	91,117	85,167
Total person-years	6.8	6.3	6.1	6.1	6.0	6.1	6.0	6.1	6.0	6.1	6.0	6.1
Cost per person-year	$22,622	$24,297	$26,236	$24,833	$25,466	$26,065	$27,250	$28,500	$29,800	$31,150	$32,500	$33,900

NATURAL LAND

Assets	Operating Funds Unrestricted	Operating Funds Restricted	Operating Funds Total	Physical Plant Fund	Land Preservation Fund	Reserve Fund	Total
Current Assets:							
Cash and savings accounts	$ 7,340.43	$ —	$ 7,340.43	$ —	$ —	$ 2,247.17	$ 9,587.60
Money market funds	92,453.24	843.02	93,296.26	—	73,749.54	141,915.50	308,961.30
Accounts receivable	18,037.97	—	18,037.97	—	—	—	18,037.97
Investments	3,774.63	—	3,774.63	—	—	141,221.91	144,996.54
Prepaid expenses	1,340.14	—	1,340.14	—	—	—	1,340.14
	$122,946.41	$843.02	$123,789.43	—	$ 73,749.54	$285,384.58	$482,923.55
Property & equipment							
Farm land	—	—	—	$ 9,539.55	—	—	$ 9,539.55
Building, lot and improvements	—	—	—	91,041.79	—	—	91,041.79
Equipment and office furnishings	—	—	—	11,385.73	—	—	11,385.73
	—	—	—	$111,967.07	—	—	$111,967.07
Less accumulated depreciation	—	—	—	(22,843.62)	—	—	(22,843.62)
	—	—	—	$ 89,123.45	—	—	$ 89,123.45
Land held for preservation	—	—	—	—	$ 68,474.56	—	68,474.56
Total Assets	$122,946.41	$843.02	$123,789.43	$ 89,123.45	$142,224.10	$285,384.58	$640,521.56
LIABILITIES							
Accounts payable	$ 49.19	$ —	$ 49.19	$ —	$ —	$ —	$ 49.19
Accrued salaries & expenses	19,206.04	—	19,206.04	—	—	—	19,206.04
Accrued payroll taxes	3,182.51	—	3,182.51	—	—	—	3,182.51
Health insurance	(199.30)	—	(199.30)	—	—	—	(199.30)
Deferred restricted contributions							
Natural Areas Association	—	817.32	817.32	—	—	—	817.32
Sand Bluff Fund	—	25.70	25.70	—	—	—	25.70
Total Liabilities	$ 22,238.44	$843.02	$ 23,081.46	$ —	$ —	$ —	$ 23,081.46
FUND BALANCES							
Operating Fund							
Unrestricted, undesignated	$100,707.97	$ —	$100,707.97	$ —	$ —	$ —	$100,707.97
Physical Plant Fund	—	—	—	89,123.45	—		89,123.45
Land Preservation Fund	—	—	—	—	142,224.10		142,224.10
Reserve Fund	—	—	—	—	—	285,384.58	285,384.58

NATURAL LAND INSTITUTE
Statement of Support and Revenue
Expenses, Capital additions, and Changes in Fund Balances
January 1, 1981 - June 30, 1981

	Operating Funds			Physical Plant Fund	Land Preservation Fund	Reserve Fund	Total
	Unrestricted	Restricted	Total				
Public support:							
General contributions	$132,683.70	$ —	$132,683.70	$ —	$ —	$ —	$132,683.70
Donor restricted contr. expended	—	1,769.05	1,769.05	—	—	—	1,769.05
	132,683.70	1,769.05	134,452.75	—	—	—	134,452.75
Contracts & fees from government agencies:							
Illinois Nature Preserves Comm.	43,567.10	—	43,567.10	—	—	—	43,567.10
CETA	1,315.43	—	1,315.43	—	—	—	1,315.43
Dept. of Conservation, End.Sp.Proj.	11,200.00	—	11,200.00	—	—	—	11,200.00
		—		—	—		
	56,082.53		56,082.53			—	56,082.53
Other Revenue:							
Interest	10,529.33	—	10,529.33	—	—	17,028.35	27,557.68
Dividends	—	—	—	—	—	5,857.16	5,857.16
Services in excess of compensation	—	—	—	—	—	12,092.20	12,092.20
Miscellaneous	1,654.32	—	1,654.32	—	—	—	1,654.32
	12,183.65	—	12,183.65	—	—	34,977.71	47,161.36
Total revenue & support	$200,949.88	$1,769.05	$202,718.93	$ —	$ —	$ 34,977.71	$237,696.64
Expenses:							
Preservation	$ 35,581.42	$ —	$ 35,581.42	$ —	$ —	$ —	$ 35,581.42
Management & protection	15,341.04	—	15,341.04	—	—	—	15,341.04
Research & records	10,176.24	981.00	11,157.24	—	—	—	11,157.24
Public information	15,752.63	—	15,752.63	—	—	—	15,752.63
Technical assistant projects	42,726.56	—	42,726.56	—	—	—	42,726.56
General operations	33,239.00	788.05	34,027.05	4,213.00	—	—	38,240.05
Fund raising	3,858.94	—	3,858.94	—	—	—	3,858.94
Total expenses	$156,675.83	$1,769.05	$158,444.88	$ 4,213.00	$ —	$ —	$162,657.88
Excess (deficiency) of support & revenue over expenses before capital additions & disposals:	$ 44,274.05	$ —	$ 44,274.05	$(4,213.00)	$ —	$ 34,977.71	$ 75,038.76
Fund Balance beginning of year	132,071.37	—	132,071.37	91,448.54	68,474.56	250,406.87	542,401.34
Transfers	(73,749.54)	—	(73,749.54)		73,749.54	—	—
Additions to property & equipment	(1,887.91)	—	(1,887.91)	1,887.91	—	—	—
Fund Balance June 30, 1981	$[illegible]	—	$100,707.97	$89,123.45	$142,224.10	$285,384.58	$617,440.10

NATURAL LAND INSTITUTE

EXPENSES SEPARATED BY CATEGORIES

January 1, 1981 - June 30, 1981

	Preservation	Management & Protection	Research & Records	Public Information	INPC support services	Contracts other than INPC	General Operations	Fund Raising	Total
Salaries & annuities	$27,187.25	$11,392.28	$ 3,349.18	$13,513.89	$11,210.27	$13,548.52	$23,664.15	$3,138.54	$107,004.08
Benefits	2,696.34	1,186.39	323.56	1,402.10	1,078.54	1,402.10	2,372.78	323.56	10,785.37
Consultant services	—	—	—	—	—	—	1,595.00	—	1,595.00
Contractual services	28.00	9.00	4,930.62	81.25	41.25	8,010.00	5.25	—	13,105.37
Travel	3,014.23	1,696.68	1,441.10	340.93	1,756.39	1,570.63	1,364.12	117.42	11,301.50
Rent		—	—	—	—	1,380.00	360.00	—	1,740.00
Insurance	—	—	—	—	—	—	(664.00)	—	(664.00)
Telephone	1,711.62	613.34	23.68	217.55	654.82	370.01	1,673.12	94.99	5,359.13
Postage	179.85	20.91	8.46	14.06	606.82	68.92	646.71	70.38	1,616.11
Office supplies	53.61	11.62	42.67	22.26	33.85	—	810.87	—	974.88
Field supplies	3.50	64.15	981.00	—	—	—	—	—	1,048.65
Maintenance & shop supplies	—	—	—	—	—	—	189.38	—	189.38
Books, maps, photos	397.05	73.48	36.92	141.79	4.58	134.41	223.30	—	1,011.53
Duplicating	304.97	123.19	20.05	18.80	33.10	774.73	485.21	114.05	1,874.10
Miscellaneous	5.00	—	—	—	—	15.42	312.77	—	333.19
Meeting expense	—	—	—	—	32.20	—	—	—	32.20
Landholding & management	—	150.00	—	—	—	—	—	—	150.00
Utilities	—	—	—	—	—	—	988.39	—	988.39
Expenditures before depreciation	$35,581.42	$15,341.04	$11,157.24	$15,752.63	$15,451.82	$27,274.74	$34,027.05	$3,858.94	$158,444.88
Depreciation	—	—	—	—	—	—	4,213.00	—	4,213.00
Total	$35,581.42	$15,341.04	$11,157.24	$15,752.63	$15,451.82	$27,274.74	$38,240.05	$3,858.94	$162,657.88

Blind copy for Ken Robertson

Illinois Institute of Natural Resources

State Natural History Survey Division

Natural Resources Building
607 E. Peabody
Champaign, Il. 61820
217/333-6880

August 21, 1981

Mr. George B. Fell
Executive Secretary
Illinois Nature Preserves Commission
320 South Third
Rockford, Illinois 61108

Dear George:

It was a pleasure seeing you again on August 3 during the meeting of the Nature Preserves Commission. As you know, I have long had an interest in this subject, and am looking forward to being as helpful as possible in Illinois.

The specific purpose of this letter is to extend an invitation to the Commission to meet here at the Natural History Survey at its convenience. We will be happy to provide a meeting room, any support services which might be helpful, and will arrange a lunch which will be a minimum inconvenience.

You need not reply specifically at this time, but I do want you to know that we would very much like having the Commission with us.

Please let me know if I can be helpful in the work of the Commission or with any of your related activities.

Sincerely,

Paul G. Risser
Chief

PGR:aa

Illinois Nature Preserves Commission
Marlin Bowles and Lydia Meyer
July, 1981

INPC 85
Item 9

LAATZ TIMBER, LASALLE COUNTY

Background

Ernest Laatz, 84 years old, owns 30 acres of forest on the south bluff of the Illinois River in LaSalle County. The area is south of Marseilles and adjoins the northwest corner of the Illinois Department of Conservation's Marseilles Wildlife Area.

The surrounding forest was platted into woodlots in 1871. Mr. Laatz's father bought a farm and several woodlots in 1894. Mr. Laatz bought the property from his father in 1937. According to a son, the tract was grazed until 45 years ago and timbered at some time. Mr. Laatz has striven to manage the woods since he acquired it, and many trees were girdled several years ago for forest management.

Mr. Laatz wants to ensure that his forest is permanently protected. His four heirs have agreed to support his decision. A proposal for donation to a conservation organization has been made. Laatz also wants a proposal explaining the possibilities for preservation within his ownership. These alternatives are a conservation easement or dedication as a nature preserve. The area was not on the Illinois Natural Areas Inventory.

A decision on qualification for dedication must be made before a proposal is presented to Laatz. He has asked that the area be referred to as "Laatz Timber."

Summary

Laatz Timber is in the Grand Prairie Section of the Grand Prairie Natural Division of Illinois. The vegetation and topography of the tract is somewhat diverse, with young to mature second-growth dry-mesic and mesic forest. There is a generally low herbaceous species diversity, possibly due to past grazing. The State threatened plant, golden seal *Hydrastis canadensis*, is present. Black locust (an exotic) has become established. This and other tree species have been girdled for forest management.

Location

Laatz Timber is in the northeast quarter of Section 30, T33N, R5E, 3PM, Brookfield Township, LaSalle County, Illinois. Marseilles USGS Topographic Quadrangle, 7.5 Minute Series. 1970.

The forest is one-half mile south of the Illinois River and one mile from the town of Marseilles (population 4,320). The tract adjoins the 2,551-acre Marseilles State Wildlife Area, which the Illinois National Guard utilizes as a permanent camp and training area for statewide National Guard Units. The 510-acre Illini State Park is one mile northwest of Laatz Timber.

Geology, topography and soils

The forest, which is in the Grand Prairie Section of the Grand Prairie Natural Division of Illinois, lies on a ground moraine formed from glaciation of the Wisconsinan stage of the Pleistocene.

The north bluff slopes 90 feet to the Illinois River floodplain. There is a large ravine eroded in the glacial till of the moraine. An intermittent stream runs through the ravine.

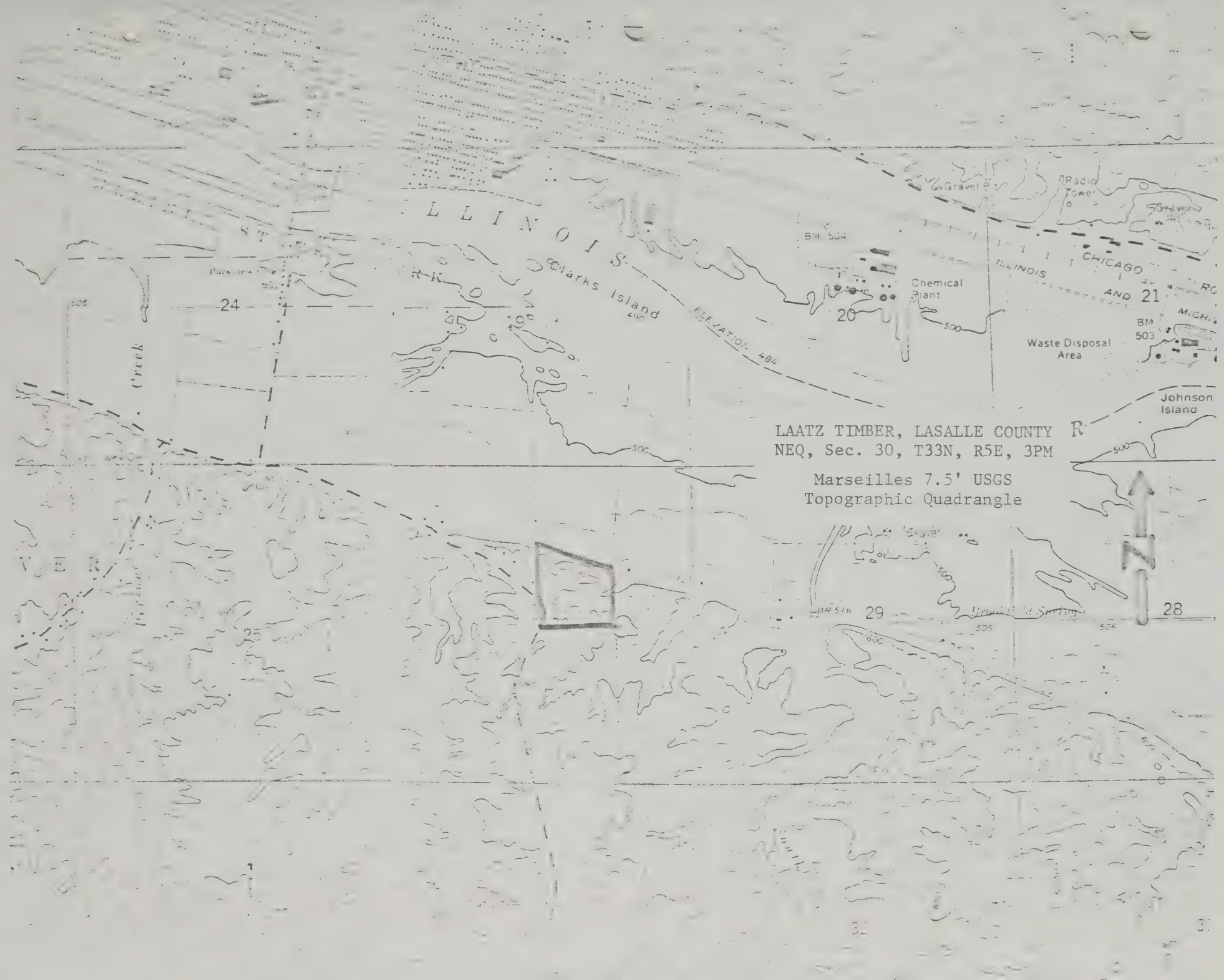
The soils are Chatsworth and Nappanee and developed under forest native vegetation.

Vegetation and character

The level uplands support second-growth dry-mesic forest and constitute about 50 percent of the tract. White oak *Quercus alba* and black oak *Quercus velutina* are dominant tree species. Shagbark hickory *Carya ovata* and black cherry *Prunus serotina* are also common in this community. The understory species include some typical upland forest species such as woodland sunflower *Helianthus divaricatus*, yellow honeysuckle *Lonicera prolifera* and starry campion *Silene stellata*.

The slopes and ravines support young to mature second-growth mesic forest vegetation. Red oak *Quercus rubra* is the dominant species. Other species present include basswood *Tilia americana*, hackberry *Celtis occidentalis*, white oak, sugar maple *Acer saccharum*, walnut *Juglans nigra*, white ash *Fraxinus americana* and wafer ash *Staphlea trifolia*. Black locust *Robinia pseudoacacia* is abundant on the north-facing bluff. Woodland herbaceous species include white baneberry *Actaea alba*, bloodroot *Sanguinaria canadensis*, purple trillium *Trillium erectum*, false Solomon's seal *Smilacina racemosa*, snakeroot *Sanicula sp.* and the threatened golden seal *Hydrastis canadensis*. Golden seal occurs in about half of the Illinois counties and is listed because of its harvest as a medicinal herb.

The tract apparently was heavily cut sometime in the past and regeneration ranges from less than one foot to over two feet in diameter. Some areas were cut more recently and have smaller trees. Many trees, especially on the uplands, are somewhat open-grown. An old roadbed also occurs on the west part of the upland. There is a generally low herbaceous species diversity, possibly due to grazing which is reported to have been stopped about 45 years ago. Trees have been girdled for forest management throughout the northeastern part of the woods. These were primarily locust, black oak and white oak. The girdled black locusts are resprouting. The effect of past fires on the character of the woods may have been significant. The tract could also have originally supported savanna or barrens vegetation although the soils maps indicate "forest" soils.

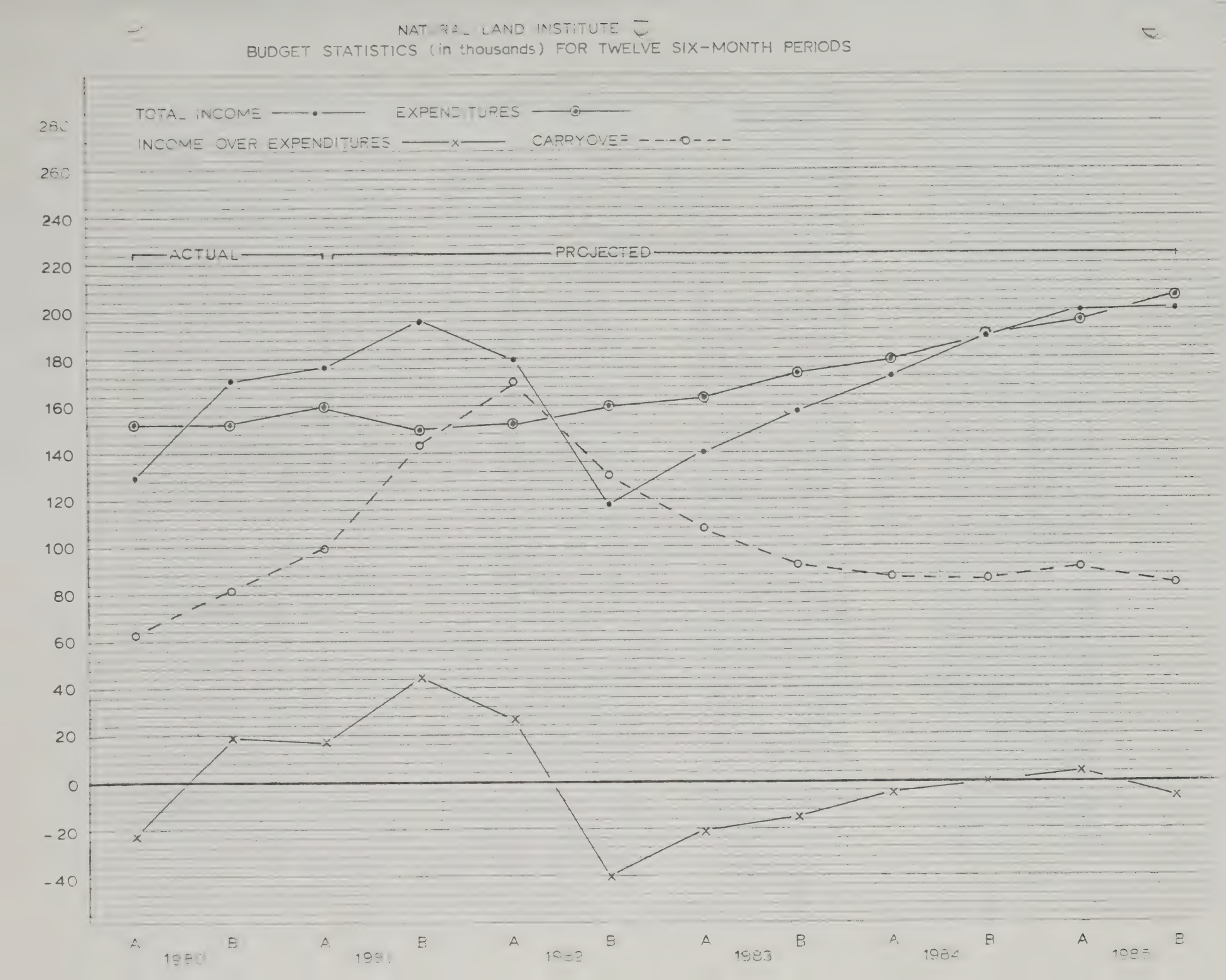


LAATZ TIMBER, LASALLE COUNTY
NEQ, Sec. 30, T33N, R5E, 3PM

Marseilles 7.5' USGS
Topographic Quadrangle

NATURAL LAND INSTITUTE

BUDGET STATISTICS (in thousands) FOR TWELVE SIX-MONTH PERIODS



INPC85
16

Department of Conservation
July 20, 1981

Proposal for Dedication of a Nature Preserve

at

Fort Massac State Park

A tract, identified in the approved Master Management Plan for Fort Massac State Park (Massac County) as "Massac Forest", is proposed for dedication as an Illinois Nature Preserve. This site, approximately 224 acres in size, includes southern flatwoods, mesic upland and floodplain forest, and wet-mesic floodplain forest, swamp, seep, and aquatic (Ohio River and Sevenmile Creek) communities representative of the Bottomlands Section, Coastal Plain Natural Division of Illinois. Two state-endangered (Styrax americana and Ptilimnium costatum) and one state-threatened (Planera aquatica) plant species exist within the proposed nature preserve.

Background

The Comprehensive Plan for the Illinois Nature Preserves System lists the objectives and criteria for development of a State nature preserves system. One of the primary objectives of the system is to "...preserve adequate examples of all significant types of natural features occurring in the State." To this end, the State is divided into 14 divisions and 33 sections based upon major differences in past glacial history, topography, geology, etc. The "Natural Divisions of Illinois" thus provides a basis for definition of the State's natural diversity and provides a framework for preservation of examples of these natural types.

The Illinois Department of Conservation has been instrumental in establishing a nature preserves system by preserving many significant natural areas on its properties. The Policy and Procedure Manual of the Department states, in Section 8223.4 that "...it shall be the policy of this Department to dedicate selected suitable lands within its holdings as nature preserves provided that such dedication is compatible with the objectives of the management unit." In addition to preserving natural lands on its properties, the Department contracted with the University of Illinois for a three-year inventory of the remaining natural lands in the State during 1975-78. This inventory serves to guide future land acquisition and the development of a comprehensive nature preserves system.

Early in the inventory process, a list of potential natural communities was developed for use in the field surveys. Five major natural types were recognized including forest, prairie, savanna, acquatic, and primary. An additional category of artificial communities was also identified. Each of these major groupings was then divided into related subgroupings. For instance, Forest was subdivided into upland forest, floodplain forest, and flatwoods. These subcategories were then further divided by site factors such as slope, moisture, etc., such that the category of upland forest, for example, included Xeric upland forest, Dry upland forest, Dry-mesic upland forest, mesic upland forest, and wet mesic upland forest. The natural communities list thus outlines all of the elements of natural diversity that are expected to be found in Illinois and provides a basis for site evaluation by presence of natural communities. An outline of this classification is attached.

Outline of Natural Community Classification.

1. FOREST
   - a. Upland forest
     - Xeric upland forest
     - Dry upland forest
     - Dry-mesic upland forest
     - Mesic upland forest
     - Wet-mesic upland forest
   - b. Floodplain forest
     - Mesic floodplain forest
     - Wet-mesic floodplain forest
     - Wet floodplain forest
   - c. Flatwoods
     - Flatwoods
2. PRAIRIE
   - a. Prairie
     - Dry prairie
     - Dry-mesic prairie
     - Mesic prairie
     - Wet-mesic prairie
     - Wet prairie
   - b. Sand prairie
     - Dry sand prairie
     - Dry-mesic sand prairie
     - Mesic sand prairie
     - Wet-mesic sand prairie
     - Wet sand prairie
   - c. Gravel prairie
     - Dry gravel prairie
     - Dry-mesic gravel prairie
     - Mesic gravel prairie
   - d. Dolomite prairie
     - Dry dolomite prairie
     - Dry-mesic dolomite prairie
     - Mesic dolomite prairie
     - Wet-mesic dolomite prairie
     - Wet dolomite prairie
   - e. Hill prairie
     - Loess hill prairie
     - Glacial drift hill prairie
     - Gravel hill prairie
     - Sand hill prairie
   - f. Shrub prairie
     - Shrub prairie
3. SAVANNA
   - a. Savanna
     - Dry-mesic savanna
     - Mesic savanna
   - b. Sand savanna
     - Dry sand savanna
     - Dry-mesic sand savanna
   - c. Barren
     - Dry barren
     - Dry-mesic barren
     - Mesic barren
4. AQUATIC
   - a. Open water
     - Perennial stream
     - Lake
     - Pond
   - b. Marsh
     - Marsh
     - Brackish marsh
   - c. Swamp
     - Swamp
     - Shrub swamp
   - d. Bog
     - Graminoid bog
     - Low shrub bog
     - Forested bog
     - Tall shrub bog
     - Calcareous floating mat
   - e. Fen
     - Graminoid fen
     - Low shrub fen
     - Tall shrub fen
     - Forested fen
   - f. Sedge meadow
     - Sedge meadow
   - g. Panne
     - Panne
   - h. Seep and spring
     - Seep
     - Acidic gravel seep
     - Calcareous seep
     - Sand seep
     - Spring
5. PRIMARY
   - a. Glade
     - Sandstone glade
     - Limestone glade
     - Shale glade
   - b. Cliff
     - Sandstone cliff
     - Limestone cliff
     - Dolomite cliff
     - Sandstone overhang
     - Eroding bluff
   - c. Littoral
     - Beach
     - Foredune
   - d. Cave
     - Cave
6. ARTIFICIAL
   - Cropland
   - Pastureland
   - Successional field
   - Developed land
   - Tree plantation
   - Artificial pond
   - Artificial lake

Character and Quality of the Area

The proposed Massac Forest Nature Preserve include examples of the following natural communities: swamp, wet-mesic floodplain forest, mesic floodplain and upland forest, flatwoods, and seep. Additionally, two State-endangered and one threatened plant species occur within the site. The communities are representative of the Bottomlands Section, Coastal Plain Natural Division of Illinois and are discussed separately below.

Swamp exists as a bald cypress-dominated community in small depressions surrounded by Wet-Mesic Floodplain Forest of cottonwood, pecan, American elm, black willow, sweetgum, and cherrybark oak. Within the swamps, occasional tupelo gum and swamp cottonwood occur with the cypress. Buttonbush is common as an understory shrub in the swamp. The threatened water elm (Planera aquatica) and endangered storax (Styrax americana) occur within the swamp community. A Mesic Floodplain Forest exists, interspersed with the wet-mesic community on slightly higher ridges and terraces.

The character of the surrounding floodplain forests suggests little disturbance, but there are scattered, occasional stumps; evidence of light to moderate logging in the past. However, the swamp community itself appears little disturbed from cutting. The westernmost swamp is bordered (on the west) by Interstate 24 and the opening resulting from the highway seems to be producing an unnatural edge.

Bordering the floodplain forest along Sevenmile Creek (in the southeastern portion of the proposed preserve) is a narrow ridge of Mesic Upland Forest. On this slope the herbaceous understory is lush, abounding in wildflowers such as wild ginger and bloodroot. At the base of this small ridge and occasionally on the lower slopes are approximately four distinctive Seeps: clear springs percolating up through the river and creek-deposited silt. These produce interesting small tributaries to Sevenmile Creek.

The largest natural community (143 acres) within the proposed preserve is a southern Flatwoods dominated by pin oak and swamp white oak;cherrybark oak is also common. Individual trees are (as is typical in flatwoods) small in stature when compared with specimens of the same species in more suitable growing conditions; a claypan reduces root penetration, resulting in slower growth. Some average-sized (20-21"dbh) trees cored during field evaluations so that growth restriction could be verified: for example, a 21" pin oak and 21" cherrybark oak were both 84 years old; a 17" swamp white oak was 51 years. Larger trees (up to 30") were over 100 years of age. Judging from the common occurrence of uprooted, larger wind-thrown trees, it appears that site conditions are not conducive to longevity.

The flatwoods character indicates a history of fire, and as a result of more recent fire protection, an understory of young red maple, sweetgum and black gum is becoming established. There is not much evidence of previous man-caused disturbance (stumps are few) but natural disturbance from wind storms has felled some larger trees. The 1806 (original) land survey notes for the sections surrounding and including the flatwoods indicate that they were "open woods, level, second-rate land", and discuss the relatively small timber size (20-23" diameter). The flatwoods are apparently in much the same condition today as they were in 1806.

Disturbed areas of the proposed preserve include an abandoned railroad bed and a series of borrow-pits immediately south of the abandoned bed. The present park road crosses through the proposed preserve on the east, and an old roadbed intersects the southernmost tract.

Significance

The Massac Forest tract and Massac Forest West tract have both been classified as natural area zones of Ft. Massac State Park since the completion of the 1975 Natural Area Inventory of Department Properties. Massac Forest is slated for dedicated nature preserve status in the approved Fort Massac State Park Master Management Plan(1980).

There are, presently, six dedicated nature preserves within the Coastal Plain Natural Division of Illinois: Horseshoe Lake Island and Horseshoe Lake Forest (both Alexander County), Mermet Swamp and Halesia (both Massac County), Cretaceous Hills (Pope County) and Chestnut Hills (Pulaski County). Portions of the Heron Pond-Little Black Slough preserves (Johnson County) also contain communities representative of this natural division. Although most of the existing preserves contain significant swamp and floodplain forest, none contain flatwoods with adjacent swamp and floodplain communities. Only one, Cretaceous Hills, possesses notable seep springs, similar to those to Massac Forest. Most, with the exception of Halesia, have wet-mesic and mesic floodplain forests.

The Illinois Natural Areas Inventory recognized only one other flatwoods in this natural division: the Mermet flatwoods (currently protected as a natural area zone of Mermet Lake Refuge). However, the Massac Forest flatwoods represent the best remaining, and largest, example of flatwoods in the Coastal Plain Division. The Mermet flatwoods exhibits more evidence of previous disturbance (through grazing and some cutting).

It can be accepted that the Massac Forest tract, particularly the flatwoods community, is unique in its character and is a needed preserve. If it is not dedicated, the Coastal Plain Division flatwoods, in combination with significant seep and notable floodplain forest communities, will continue to be unrepresented in the Illinois Nature Preserves System.

Massac Forest Nature Preserve

FORT MASSAC STATE PARK, Massac County

DEDICATION OF A NATURE PRESERVE

Massac Forest Nature Preserve

KNOW ALL MEN BY THESE PRESENTS, that the State of Illinois, Department of Conservation, being the owner thereof does hereby dedicate the following described real property as a nature preserve:

That part of the SE¼ of Section 5 lying East of the East right of way line of Interstate Highway 24; that part of the NE¼ of Section 8 lying East of the East right of way line of Interstate Highway 24 and North of the North right of way line of the abandoned Illinois Central Gulf Railroad right of way as described in a deed recorded as Document 505-76 in Book 149 Pages 15 and 16 of Massac County, Illinois records; that part of the South 1000 feet of the West 720 feet of the NW¼ NW¼ of Section 9 lying North of the North line of said abandoned Illinois Central Gulf Railroad right of way; the East 560 feet of the South 500 feet of the NE¼ SW¼ NW¼ Section 9; the SE¼ SW¼ NW¼ Section 9; the South 460 feet of the SW¼ SW¼ NW½ Section 9; the South 460 feet of the SE¼ SE¼ NE¼ Section 8; the SW¼ SE¼ NE¼ Section 8; that part of the S½ SW¼ NE¼ Section 8 lying East of the East line of Interstate Highway 24; that part of the SE¼ of Section 8 lying East of the East right of way line of Interstate Highway 24 and North of the Illinois State Line; all in Township 16 South, Range 4 East of the 3rd P.M., Massac County, Illinois.

The property hereinabove described is dedicated for the purposes, and shall be held, maintained, and used, as provided for Nature Preserves, in "An Act in relation to the acquisition, control, maintenance, improvement and protection of State parks and nature preserves", approved June 26, 1925, as heretofore amended and "An Act relating to the creation of the Illinois Nature Preserves Commission and defining its powers and duties", approved August 28, 1963, as heretofore amended. Said property is further dedicated for the purposes, and shall be held, maintained, and used, as provided for Nature Preserves in any amendment to said Acts enacted hereafter, but no such amendment shall alter the exclusive commitment of said land to the preservation of natural conditions for the purposes specified in said Acts as of the date of this dedication.

The following described real property lying adjacent to the nature preserve herein dedicated is dedicated as, and shall be held as, buffer area for protection of the nature preserve. Said buffer area may be developed, managed, or used for public conservation, recreation, service or highway purposes as may be approved by the Illinois Nature Preserves Commission and Department of Conservation or shall be managed as if it were a part of the nature preserve herein dedicated.

The North 310 feet and the East 600 feet of the NW¼ NW¼ Section 9 lying North of the North right of way line of said abandoned Illinois Central Gulf Railroad in Township 16 South, Range 4 East of the 3rd P.M., Massac County, Illinois.

key

HISTORIC ZONE:
1 historic area

GENERAL RECREATION ZONE:
2 service area
3 metropolis picnic area
4 indian point picnic area
5 long knife picnic area
6 oak slopes picnic area
7 cherokee point picnic area
8 river access area
9 river front picnic area
10 massac creek picnic area
11 river camping area
12 main camping area
13 storage area

NATURAL AREA ZONE:
14 massac forest west n. a.
15 massac forest n. a.

NATURAL RESOURCE ZONE:
16 natural resource area
17 youth group area
18 west resource area
19 east, hunting area

FORT MASSAC

master management plan
Illinois Department of Conservation

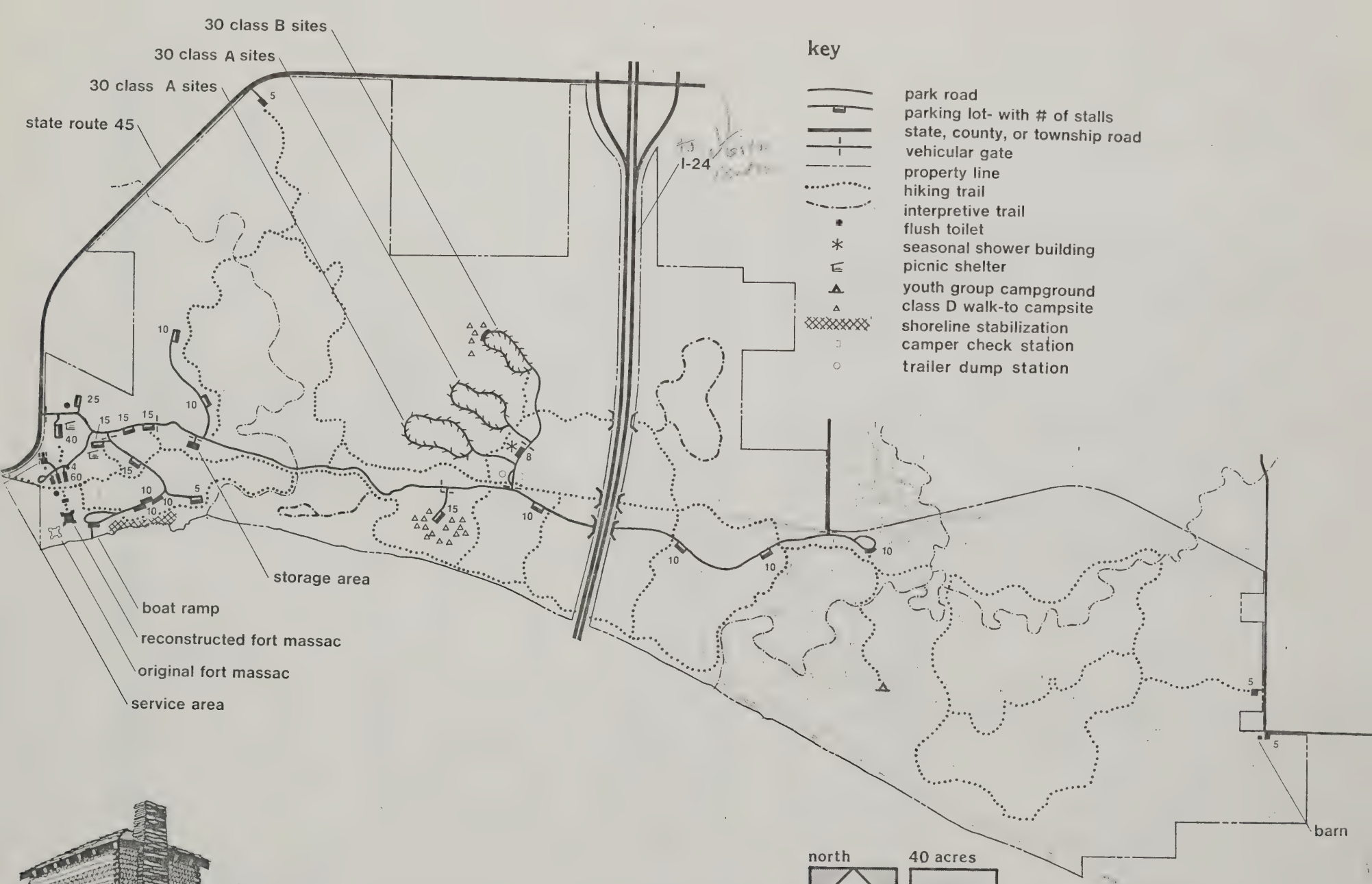
map 3 concept

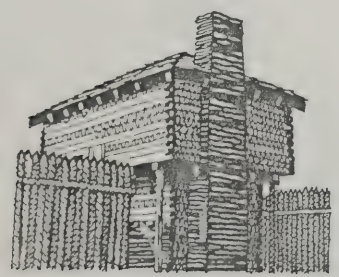
north

40 acres

10 acres

0 500 1000 2000 3000 4000 ft





FORT MASSAC

master management plan

Illinois Department of Conservation

map 4 development

Illinois Nature Preserves Commission

320 SOUTH THIRD STREET
ROCKFORD, ILLINOIS 61108
815/964-6666

INPC 85
Item 16

MEMORANDUM

To: Illinois Nature Preserves Commission members, consultants, and advisors

From: Paul B. Dye, Administrative Assistant PBD

Date: July 24, 1981

Re: Field Staff Plan of Work

Attached is the combined Nature Preserves Commission/Natural Land Institute Field Staff Plan of Work for July through December, 1981. This document is provided to the field staff as a guide for prioritizing and planning their activities for the six-month period. It is intended to be a flexible plan; thus, the priorities and hours presented may be modified within the limits set by the INPC/NLI Joint Plan of Work for Fiscal Year 1982 (INPC 84, Item 18).

Activities addressed by the Field Staff Plan of Work include some which fall outside the scope of the Joint Plan of Work. Specifically, categories 3.2 (library research) and 5.10 (Sinnissippi Open Space Committee support), while compatible with the Commission's purposes, are not considered to be part of the Institute's program in behalf of the Commission. Likewise, a portion of the hours under Activity 4 (public information) may be directed toward projects falling outside the joint program.

7/20/81

ILLINOIS NATURE PRESERVES COMMISSION/NATURAL LAND INSTITUTE

FIELD STAFF PLAN OF WORK

July 1, 1981, through December 31, 1981

(all time figures are in hours)

ACTIVITY 1. NATURAL AREA PRESERVATION

1.1 Negotiate preservation of natural areas

Faulkner	Hutchison	McFall	Meyer	Packard
255.0	260.5	310.0	355.0	284.5

Negotiate for preservation of natural areas under any of several options, including donation, conservation easement, bargain sale, etc., until an option such as dedication or landmark designation has been chosen by the landowner. Assist other agencies in acquiring land for preservation purposes.

Campbell Lake
*Jackson Slough Woods
Williams Creek Woods
*Lower Cache River swamps
Flag Pond
Wise Ridge
*Loda Prairie
*Matanzas Prairie West
*Hillside Marsh
Ridgetop Hill Prairie
Massassauga Prairie
Rector Woods
Rocky Glen
Orchid Hill
*Shirland Prairie
Clark Run
Sunbury Prairie (IC&G RR)
Nachusa Marsh
Crow Creek Marsh
Wolf Road Prairie
Vesley-Simpson Prairie
Bluff Spring Fen
*Long Run Seep
Pacific Central RR prairies

1.2 Negotiate dedication of nature preserves

Faulkner	Hutchison	McFall	Meyer	Packard
130.0	50.5	179.0	250.5	160.0

Determine the suitability of areas for dedication, prepare dedication proposals and articles of dedication, and secure the owner's consent to dedicate.

*Bohm Woods
*Levee Lake
Sonneman Woods
Grandeville Woods
Hazel Creek Woods
Camp Vandeventer
Olin Tract
Cave Creek Glade
*Crevecoeur Prairie
Spring Grove
Detweiller Park
Rocky Branch
Funk's Grove
*Christian Camp Sedge Meadow
*Thompson Prairie
Winnebago County FPD areas
Gavin Bog
McCormick Ravine
*Cook County FPD areas
West Chicago Prairie
O'Hara Woods

*to be completed first

1.3 Designate Natural Heritage Landmarks

Faulkner	Hutchison	McFall	Meyer	Packard
28.0	20.0	45.0	45.0	--

In cooperation with the Department of Conservation, negotiate for voluntary agreements for designation of Natural Heritage Landmarks from owners of natural areas, prepare necessary materials and documents, prepare related management plans, and advise and assist owners with management.

1.4 Conduct landowner contact program

Faulkner	Hutchison	McFall	Meyer	Packard
112.0	--	112.0	112.0	10.0

Visit natural area owners and the owners of endangered species habitat to determine the histories of their areas and the attitudes and plans of the owners. Inform each owner of the significance of the area and preservation options available to preserve and protect it. Once a preservation proposal is prepared for the owner, work should be designated as 1.1.

ACTIVITY 2. NATURAL AREA MANAGEMENT AND PROTECTION

2.1 Prepare master plans

Faulkner	Hutchison	McFall	Meyer	Packard
--	220.0	24.0	8.0	24.0

Provide local input for preparing master plans, including consulting with owners and custodians of the areas, compiling information on their natural history and character, conducting site analyses, and identifying management needs.

2.2 Advise owners

Faulkner	Hutchison	McFall	Meyer	Packard
40.0	59.5	35.0	40.0	50.0

Advise public and private owners of nature preserves and natural areas on management, develop and review management plans, and assist owners in finding proper management personnel, custodians, or owners. Assistance to The Nature Conservancy under the Institute/TNC contract, including finding suitable owners or custodians for TNC areas and other technical assistance, should be labeled 2.2/5.12.

2.4 Manage nature preserves and natural areas

Faulkner	Hutchison	McFall	Meyer	Packard
--	--	25.0	--	40.0

2.4 (continued)

Manage and assist owners in managing nature preserves and other natural areas. Organize and direct prescribed burns, clear brush, and conduct other such management tasks. Direct volunteers in such activities. Only actual management work or organization of specific management activities should be included here; for other management planning, see 2.1 and 2.2.

2.5 Monitor threats to natural areas and negotiate for their protection

Faulkner	Hutchison	McFall	Meyer	Packard
--	25.0	30.0	--	40.0

Review proposals and plans for projects that might adversely affect nature preserves or other natural areas, negotiate for protection of threatened areas, prepare reports and position statements, participate in meetings, and take appropriate action to prevent damage or destruction of natural areas.

2.6 Surveillance

Faulkner	Hutchison	McFall	Meyer	Packard
40.0	135.0	60.0	50.0	40.0

Make periodic inspections of all nature preserves and certain other natural areas by visits on foot and by aerial surveillance. Coordinate inspection activities with other agencies to insure adequate surveillance of areas without duplication of effort.

ACTIVITY 3. RECORDS AND RESEARCH

3.1 Maintain technical files and records

Faulkner	Hutchison	McFall	Meyer	Packard
10.0	10.0	10.0	10.0	10.0

Maintain registries and records of nature preserves and other natural areas, of habitats of endangered species, and of other areas of educational or scientific interest. Keep files of slides and photographs of natural areas.

3.2 Library research

Faulkner	Hutchison	McFall	Meyer	Packard
--	80.0	--	--	--

Conduct inquiries concerning the natural history and character of areas and community types using scientific and historical source documents.

ACTIVITY 4. PUBLIC INFORMATION

4.1 Provide public service and information

Faulkner	Hutchison	McFall	Meyer	Packard
10.0	20.0	20.0	10.0	80.0

Respond to telephone and mail inquiries from the general public, public agencies, developers, the press, teachers and scientists, and others. Speak to public and private groups about the nature preserves program.

4.3 Conduct workshops and conferences

Faulkner	Hutchison	McFall	Meyer	Packard
--	10.0	10.0	--	76.0

Hold workshops for landowners and volunteer groups on the protection and management of natural areas and hold seminars for public officials and citizens on the nature preserves program. Field staff will assist with the preparation of seminars in their regions.

4.5 Informational materials

Faulkner	Hutchison	McFall	Meyer	Packard
--	--	--	--	76.0

Publish materials on the nature preserves program for distribution in response to requests for information. These may include reports, pamphlets, maps, fact sheets, and other materials, as well as items for the news media.

ACTIVITY 5. TECHNICAL ASSISTANCE SERVICES

5.1 Nature Preserves Commission support

Faulkner	Hutchison	McFall	Meyer	Packard
10.0	10.0	40.5	10.0	10.0

Prepare for and attend Commission meetings when called upon, assist the Commission in preparing reports and drafting policies, respond to inquiries from Commissioners, and perform other general support functions.

5.10 Sinnissippi Open Space Committee support

Faulkner	Hutchison	McFall	Meyer	Packard
--	--	--	10.0	--

Prepare for and attend committee meetings, assist the committee in preparing reports, respond to inquiries from committee members, and perform other general support functions.

ACTIVITY 6. ADMINISTRATIVE SUPPORT SERVICES

6.1 Business management

Faulkner	Hutchison	McFall	Meyer	Packard
15.0	25.0	25.0	25.0	25.0

Keep activity and expense records, maintain general files and records, purchase supplies, and carry on general correspondence. Provide and maintain office facilities and equipment.

6.2 Administration and planning

Faulkner	Hutchison	McFall	Meyer	Packard
15.0	25.0	25.0	25.0	25.0

Coordinate and direct program and support activities, revise and improve operating policies, and prepare monthly plans of work.

ILLINOIS NATURE PRESERVES COMMISSION/NATURAL LAND INSTITUTE

FIELD STAFF PLAN OF WORK

July 1, 1981, through December 31, 1981

SUMMARY

FUNCTION CODE	FAULKNER	HUTCHISON	MCFALL	MEYER	PACKARD	TOTALS
1.1	255.0	260.5	310.0	355.0	284.5	1465.0
1.2	130.0	50.5	179.0	250.5	160.0	770.0
1.3	28.0	20.0	45.0	45.0	--	138.0
1.4	112.0	--	112.0	112.0	10.0	346.0
PRESERVATION	525.0	331.0	646.0	762.5	454.5	2719.0
2.1	--	220.0	24.0	8.0	24.0	276.0
2.2	40.0	59.5	35.0	40.0	50.0	224.5
2.4	--	--	25.0	--	40.0	65.0
2.5	--	25.0	30.0	--	40.0	95.0
2.6	40.0	135.0	60.0	50.0	40.0	325.0
MANAGEMENT AND PROTECTION	80.0	439.5	174.0	98.0	194.0	985.5
3.1	10.0	10.0	10.0	10.0	10.0	50.0
3.2	--	80.0	--	--	--	80.0
RECORDS AND RESEARCH	10.0	90.0	10.0	10.0	10.0	130.0
4.1	10.0	20.0	20.0	10.0	80.0	140.0
4.3	--	10.0	10.0	--	76.0	96.0
4.5	--	--	--	--	76.0	76.0
PUBLIC INFORMATION	10.0	30.0	30.0	10.0	232.0	312.0
5.1	10.0	10.0	40.5	10.0	10.0	80.5
5.10	--	--	--	10.0	--	10.0
TECHNICAL ASSISTANCE	10.0	10.0	40.5	20.0	10.0	90.5
6.1	15.0	25.0	25.0	25.0	25.0	115.0
6.2	15.0	25.0	25.0	25.0	25.0	115.0
ADMINISTRATIVE SUPPORT	30.0	50.0	50.0	50.0	50.0	230.0
WORK HOURS	665.0	950.5	950.5	950.5	950.5	4467.0
*PAID LEAVES	74.0	105.5	105.5	105.5	105.5	496.0
TOTAL HOURS	739.0	1056.0	1056.0	1056.0	1056.0	4963.0

*Estimate--includes 10.1, 11.1, 11.2, 11.3, 11.4 categories

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